

BEDFORD



hammers

# hammers

MANUFACTURED BY JOHN BEDFORD AND SONS LIMITED

**BEDFORD**

Bedford Hammers, Blacksmiths Tools and Contractors Tools are forged or Drop Stamped from High Grade Steel. They are attractively finished and subjected to careful tests.

Hammers are supplied either Handled or Un-handled.

We fully guarantee the craftsmanship and materials of all our Tools.

LION WORKS SHEFFIELD



# hammers

Patt. **22.** Engineers Ball Pane Hammers.  
Weights :  $\frac{1}{4}$ ,  $\frac{1}{2}$ ,  $\frac{3}{4}$ , 1,  $1\frac{1}{4}$ ,  $1\frac{1}{2}$ , 2,  
 $2\frac{1}{2}$  lb.

„ **8.** Engineers Cross Pane Hammers.  
Weights :  $\frac{1}{4}$ ,  $\frac{1}{2}$ ,  $\frac{3}{4}$ , 1,  $1\frac{1}{4}$ ,  $1\frac{1}{2}$ , 2,  
 $2\frac{1}{2}$  lb.

„ **105.** Warrington Hammers.  
No. 0. No. 2. No. 4.

„ **220.** Telephone Hammer, Ball Pane.  
 $\frac{1}{4}$  lb.

„ **27.** Round and Square Tinman's or  
Planishing Hammers. 1 lb. and  
 $1\frac{1}{4}$  lb.

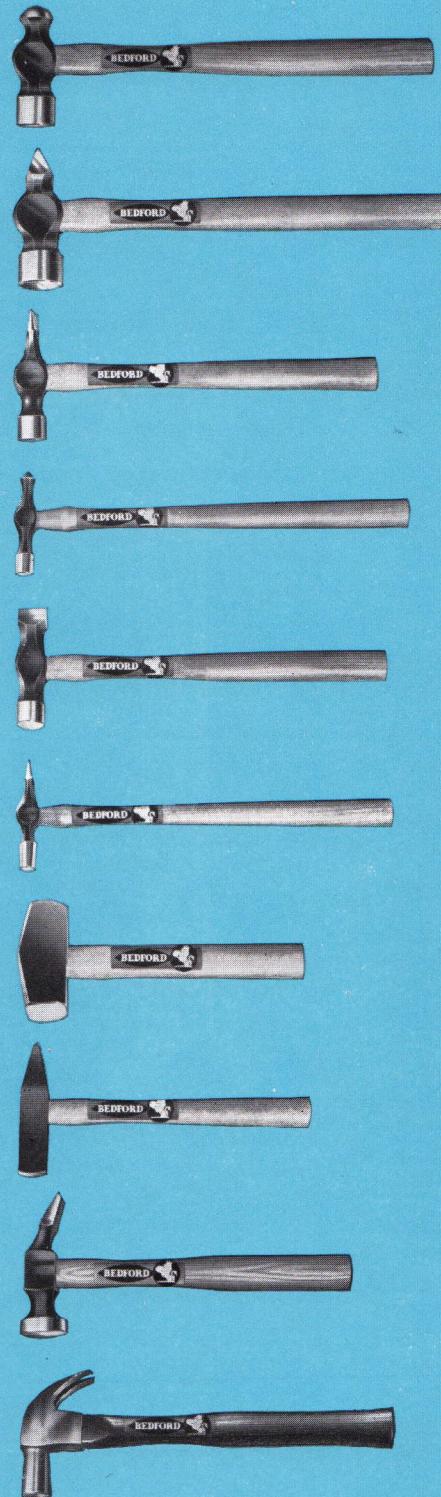
„ **221.** Cross Pane Pin Hammer.  $\frac{1}{4}$  lb.

„ **51.** Mason's or Club Hammer. 2 lb.  
and up.

„ **83 $\frac{1}{2}$ .** Boiler Scaling Hammer. 1 lb. and  
up.

„ **92.** Shoe Hammer.

„ **950.** Adze Eye Claw Hammer.



The above is a selection of Handled Hammers.  
All types can be supplied with or without handles.  
For Handled Hammers we normally use selected ash shafts but can offer hickory at customers option.

# hammers



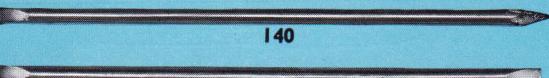
41      39      530      46



566      1520      346      347      20



48      32      537      552



151

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Patt. **41.** Double Faced Sledge Hammer, Bright Faces. 4, 7, 10 & 14 lb.

„ **39.** Straight Pane Sledge Hammer, Bright Faces. 4, 7, 10 & 14 lb.

„ **530.** Scabbler Quarry Hammer.

„ **46.** Spalling Hammer.

„ **566.** Plain Timber Wedge. 6", 8", 10" and 12".

„ **1520.** Mill Pick or Stone Hammer.

„ **346.** Square Scarifier Tyne. 30" x 1½".

„ **347.** Square Road Wedge. 12" or 18" x 1½" and 18" x 1¾".

„ **20.** Tapping Hammer.

„ **48.** Miners Hammer, South African Pattern.

„ **32.** Keying Hammer, Side Pane.

„ **537.** Keying Hammer, Centre Pane.

„ **552.** Plain Pattern Boiler Hammer.

„ **140.** Point and Chisel Crowbar.

„ **151.** Double Chisel Crowbar.

Bedford Lion Hammers are drop forged from High Grade Sheffield Steel.

# blacksmiths tools

Patt. **197.** Blacksmith's Cold Sate for Rod.

„ **198.** Blacksmith's Cold Sate with Eye or for Rod.

„ **199.** Blacksmith's Hot Sate with Eye or for Rod.

„ **113.** Blacksmith's Top Swage with Eye or for Rod.

„ **54.** Blacksmith's Flattener with Eye.

„ **196.** Blacksmith's Hardie.

„ **114.** Blacksmith's Bottom Swage.

„ **86.** Blacksmith's Top Fuller with Eye or for Rod.

„ **116.** Blacksmith's Bottom Fuller with Eye or for Rod.

„ **195.** Blacksmith's Sate Hammer with Eye or for Rod.

„ **194.** Blacksmith's Round Rod Punch.

„ **194 $\frac{1}{2}$ .** Blacksmith's Square Rod Punch.

SOLD BY WEIGHT.



LION WORKS SHEFFIELD

## A HINT . . . . .

THE BEDFORD "LION" CAST STEEL COLD CHISEL is intended for general purpose use in Engineering workshops, Foundries, etc. To ensure the best results with the minimum of effort from any chisel, it is essential that a sharp cutting edge be maintained by frequent grinding. A blunt chisel merely acts as a wedge, does no cutting whatever and not infrequently is ruined by brute force. In order to prevent splitting, due to unbalanced shock, it is desirable to use the whole of the cutting edge and not merely one corner—BEDFORDS make chisels to suit any job !

When a chisel becomes too stubby after constant resharpening, it is necessary to bring it back to its original shape by reforging, which process prolongs the life of the chisel. Some users prefer to grind it back to shape. This is not the best method as it leads to waste of time and material. The chisel should be heated to a bright red colour (900 Centigrade), drawn out as required and allowed to cool slowly. It should then be ground where necessary and hardened by heating approximately 1" of the chisel to a cherry red (800 Centigrade) and quenching in water until cool. Tempering is done by heating carefully until the surface shows a purple colour which is about 280 Centigrade. Keep it in good trim—it will give you good service.

LION WORKS SHEFFIELD



# chisels

Patt. **120.** Crosscut Section, Octagon Shank.

„ **122.** Flat Section, Octagon Shank.

„ **117.** Diamond Point, Octagon Shank.

„ **118.** Foal's Foot Section, Octagon Shank.

„ **119.** Round Nose Section, Octagon Shank.

„ **132.** Bricklayer's Point.

„ **108.** Bricklayer's Wall Drill.

„ **123.** Bricklayer's Plugging Chisel.

„ **357.** Hand Punch.

„ **110.** Centre Punch.

„ **160.** Pin Punch.

„ **353** |  
„ **354** | Caulking Tools for Gas Mains.  
„ **355** |

„ **134.** Caulking Tool for Boilers.

„ **133.** Bricklayer's Chisel.

„ **109.** Corrugated Iron Punch.

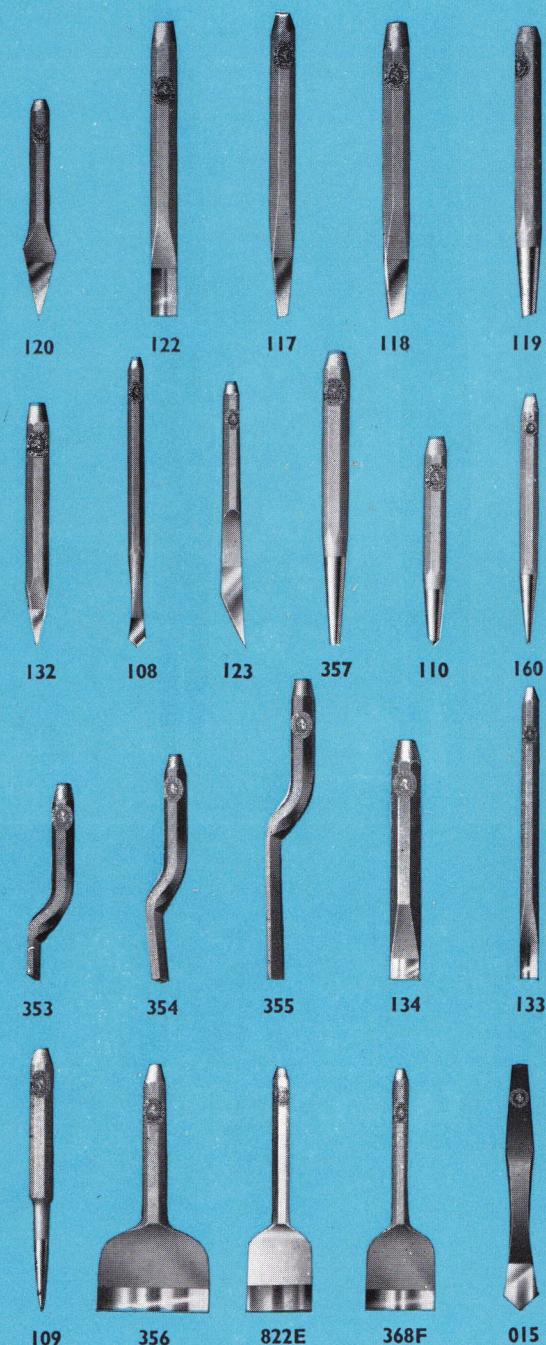
„ **356.** Bricklayer's Brick Bolster.

„ **822E.** Electrician's Chisel.

„ **368F.** Flooring Chisel.

„ **015.** Flat Ratchet Drill.

All the above patterns made in Cast Steel.



# chisels

## AND A TIP . . . .

THE BEDFORD "LION" ALLOY COLD CHISEL is specially designed for use where a grinding machine is not available, the cutting edge being sharpened with a file. It may appear that such a chisel would be too soft to give satisfactory service, but the special alloy steel from which this tool is made is able to withstand considerable shock, and has remarkable toughness. Reconditioning should be carried out, when necessary, by reforging, allowing to cool slowly and then rehardening by heating 1"-2" of the chisel to 900 Centigrade and quenching in light oil. No tempering is necessary and the cutting edge should be trimmed up with a file.

The heads of all BEDFORD "LION" CHISELS are left in the soft state to prevent chipping and possible injury to the user.

KEEP YOUR CHISEL IN GOOD HEALTH—IT WILL SHOW ITS APPRECIATION

LION WORKS SHEFFIELD

